Aircraft movement statistics

Transport Canada   **TP 1496**

ASC-SB-329

Aircraft Movement Statistics June 2006 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 406,811 aircraft take-offs and landings in June, up 4.1% compared with June 2005 (390,620 movements). Year-over-year increases in aircraft movements were reported by 26 of the airports in June 2006. The variations ranged from 126.2% for Winnipeg/St. Andrews to -39.9% for Chicoutimi/St-Honoré.

Itinerant movements (flights from one airport to another) increased by 3.4% (+9,622 movements) in June 2006 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 6.2% (+6,569 movements) in June 2006 compared with June 2005.

In terms of itinerant movements, the year-over-year variations for June ranged from a 75.0% increase (+1,624 movements) for Winnipeg/St. Andrews to a decline of 24.9% (-726 movements) for Chicoutimi/St-Honoré. Twenty-eight airports recorded increases in itinerant movements compared with 22 airports in May 2006.

In terms of local movements, the year-over-year variations for June ranged from a 172.7% increase (+4,110 movements) for Winnipeg/St Andrews to a -97.0% decrease (-64 movements) for Vancouver Harbour. Twenty-one airports recorded increases in local movements compared with 15 airports in May 2006.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics monthly report (TP141 - Volume 1). Statistics for airports without air traffic control towers will appear in TP 141 – Volume 2. Upon release, the TP141 reports are available (free) on-line at *http://www.tc.gc.ca/pol/en/Report/tp141e/tp141.htm*

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: *aviationstatistics@statcan.ca*

July 2006

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Aircraft Movements by Class of Operation - June - Preliminary, Airports with NAV CANADA Towers

Airports	2005 Total	2006 Total	% change 2006 / 2005	2006 Itinerant	2006 Local
Abbotsford	11,104	13,409	20.8	5,803	7,606
Boundary Bay	16,462	16,747	1.7	7,069	9,678
Calgary International	20,935	21,454	2.5	21,115	339
Calgary/Springbank	10,290	12,914	25.5	5,216	7,698
Chicoutimi/St-Honoré	7,026	4,225	-39.9	2,193	2,032
Edmonton City Centre	7,101	7,959	12.1	6,567	1,392
Edmonton International	8,749	10,242	17.1	9,708	534
Edmonton/Villeneuve	4,405	4,622	4.9	1,385	3,237
Gander International	3,596	3,315	-7.8	2,533	782
Halifax International	7,856	7,009	-10.8	6,606	403
Hamilton	8,082	7,492	-7.3	4,400	3,092
Kelowna	5,962	5,941	-0.4	4,393	1,548
Kitchener/Waterloo	9,551	9,708	1.6	4,620	5,088
Langley	7,407	5,900	-20.3	2,793	3,107
London	7,633	8,211	7.6	5,139	3,072
Moncton/Greater Moncton International	4,926	4,345	-11.8	3,371	974
Montréal/Mirabel International	3,089	2,705	-12.4	2,003	702
Montréal/Pierre Elliott Trudeau International	18,575	18,893	1.7	18,893	0
Montréal/St-Hubert	13,217	13,660	3.4	6,286	7,374
Oshawa	6,630	7,449	12.4	3,689	3,760
Ottawa/Macdonald-Cartier International	13,991	12,272	-12.3	9,991	2,281
Pitt Meadows	8,509	10,550	24.0	4,156	6,394
Prince George	3,277	3,471	5.9	2,823	648
Québec/Jean Lesage International	10,776	10,759	-0.2	8,087	2,672
Regina International	4,711	5,304	12.6	3,734	1,570
Saskatoon/John G Diefenbaker International	5,963	6,977	17.0	5,283	1,694
Sault Ste. Marie	4,676	5,306	13.5	2,816	2,490
St. John's International	3,792	4,087	7.8	3,641	446
St-Jean	3,236	3,698	14.3	2,784	914
Sudbury	4,399	3,721	-15.4	3,001	720
Thunder Bay	8,937	8,448	-5.5	5,989	2,459
Toronto/Buttonville Municipal	15,015	17,259	14.9	8,642	8,617
Toronto/City Centre	6,241	7,149	14.5	3,719	3,430
Toronto/Lester B Pearson International	35,337	35,192	-0.4	35,192	0
Vancouver Harbour	6,362	6,637	4.3	6,635	2
Vancouver International	29,756	29,557	-0.7	29,557	0
Victoria International	13,750	13,261	-3.6	8,798	4,463
Whitehorse International	2,907	3,472	19.4	2,418	1,054
Windsor	3,650	2,905	-20.4	1,787	1,118
Winnipeg International	12,734	13,228	3.9	12,189	1,039
Winnipeg/St. Andrews	4,544	10,278	126.2	3,788	6,490
Yellowknife	5,461	7,080	29.6	5,605	1,475
Total (42)	**390,620**	**406,811**	**4.1**	**294,417**	**112,394**

Data Source and Methodology

Aircraft Movement Statistics are accumulated from data originating with air traffic control tower units. Because staff in these units are highly trained in factual observation and actual reporting, the entries into the data base are of a very high quality. To maintain uniformity in the reporting of source data, the Aviation Statistics Centre (ASC) issues air traffic control units with an "Air Traffic Designators" handbook (TP-143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. Data errors caused during transcription and transmission on the NAV CANADA Aircraft Movement Statistics (NCAMS) network are identified as part of the built-in editing procedures. Furthermore, extensive editing cycles are part of the computer processing programs. All identified errors are manually corrected by ASC editing staff.

Collection

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Greenwich Mean Time (GMT); however, published statistics are shown in local times. The records are transmitted electronically to the Aviation Statistics Centre (ASC). The Aviation Statistics Centre maintains a data bank of current information on all registered aircraft. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents. The data in the bank include registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. The data also provide a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place. The data bank also includes an Airport Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Symbols

. not available for any reference period

.. not available for a specific reference period

... not applicable

0 true zero or a value rounded to zero

0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded

[p] preliminary

[r] revised

x suppressed to meet the confidentiality requirements of the *Statistics Act*

[E] use with caution

F too unreliable to be published

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